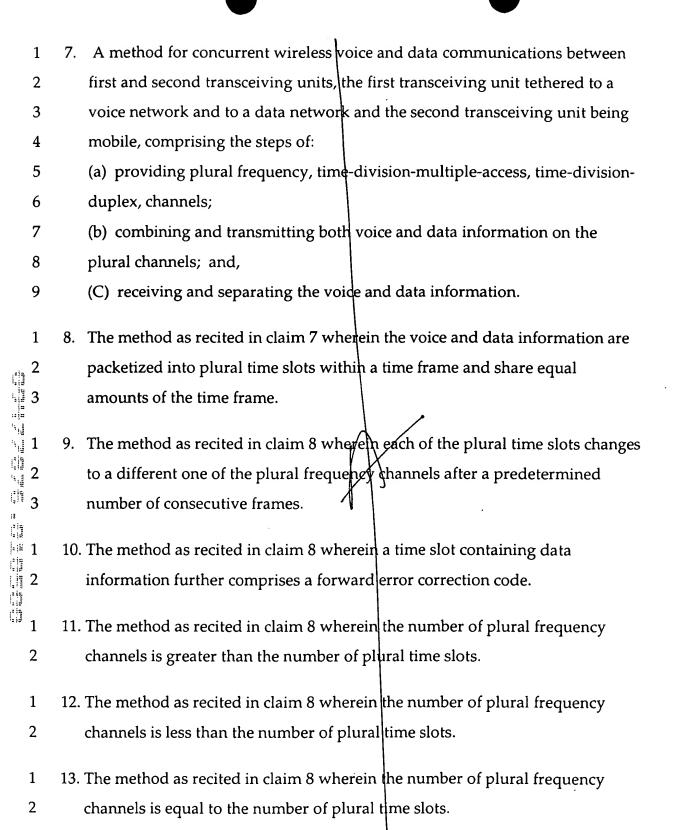
## WHAT IS CLAIMED IS:

	1	1. $\lambda$ system for concurrent wireless voice and data communications comprising
	2	(a) a first transceiving unit tethered to a voice network and to a data
	3	network;
	4	(b)\a second, mobile transceiving unit;
	5	(c) the first transceiving unit combines and transmits to the second,
	6	mobile transceiving unit, voice and data information from the voice and the data
/	17	network respectively, and receives and separates voice and data information
X	8	from the second, mobile transceiving unit and routes to the voice network and
1	9	the data network, respectively; and,
)    -	10	(d) the second, mobile transceiving unit combines and transmits to the
	11	first transceiving unit, voice and data information and receives and separates
111111111111111111111111111111111111111	12	voice and data information from the first transceiving unit.
The street street	1	2. The system as recited in claim 1 wherein the data network is a V.90 modem
1, 191		coupled to a public switched telephone network.
	2	coupled to a public switched telephone network.
ļ. įk	1	3. The system as recited in claim 1 wherein the data network is an ISDN
		modem coupled to a public switched telephone network.
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1	4. The content of marital in claim 1 submain the data native also a DCI was done
1,5	2	4. The system as recited in claim 1 wherein the data network is a DSL modem
	2	coupled to a public switched telephone network.
	1	5. The system as recited in claim 1 wherein the data network is a cable modem
	2	coupled to a CATV system.
	1	6. The system as recited in claim 1 wherein the data network is an Ethernet
	2	network.



2 Enhanced Cordless Telecommunications standard.

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14. The method as recited in claim 7 wherein step (a) adheres to the Digital



- 1 15. The method as recited in claim 7 wherein step (a) complies with Digital
- 2 Enhanced Cordless Telecommunications standards.
- 1 16. The method as recited in class wherein the plural frequency channels
- 2 operate between 2.4 GHz and 2.5 GHz.

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1 17. A unitary transceiving unit comprising:
2 (a) a transceiver employing multiple frequency, time-division-multiple3 access, time-division-duplex, channels that supports concurrent wireless
4 voice and data communications; and,
5 (b) a baseband processor including a CODEC and at least one sub-processor
6 to process audio, generate tones, provide echo canceling and to program slot

and frame timing for the transceiver.

- 1 18. A unitary transceiving unit as recited in claim 16 wherein voice and data 2 information are packetized into plural time slots within a time frame and 3 share equal amounts of the time frame.
  - 19. A unitary transceiving unit as related in claim 16 wherein each of the plural time slots has a different one of the multiple frequency channels.
  - 20. A unitary transceiving unit as recited in claim 16 wherein each of the plural time slots changes to a different one of the multiple frequency channels after a predetermined number of consecutive frames.
  - 21. A unitary transceiving unit as recited in claim 16 wherein a time slot containing data information further comprises a forward error correction code.

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